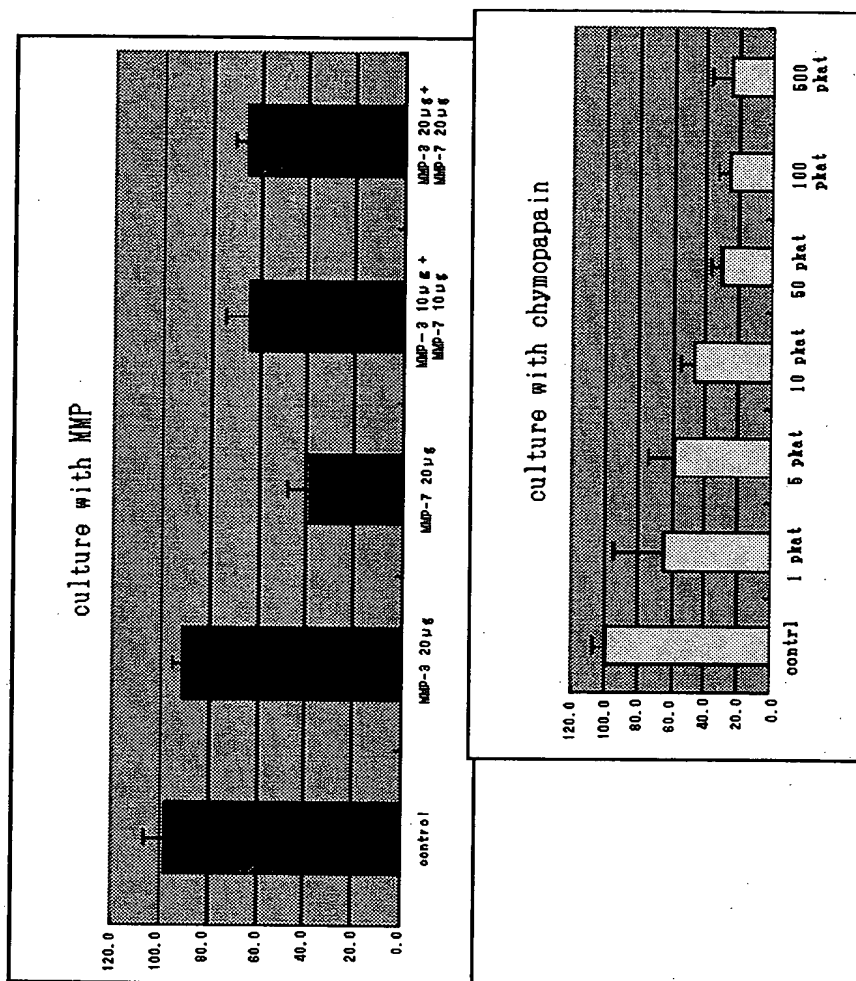


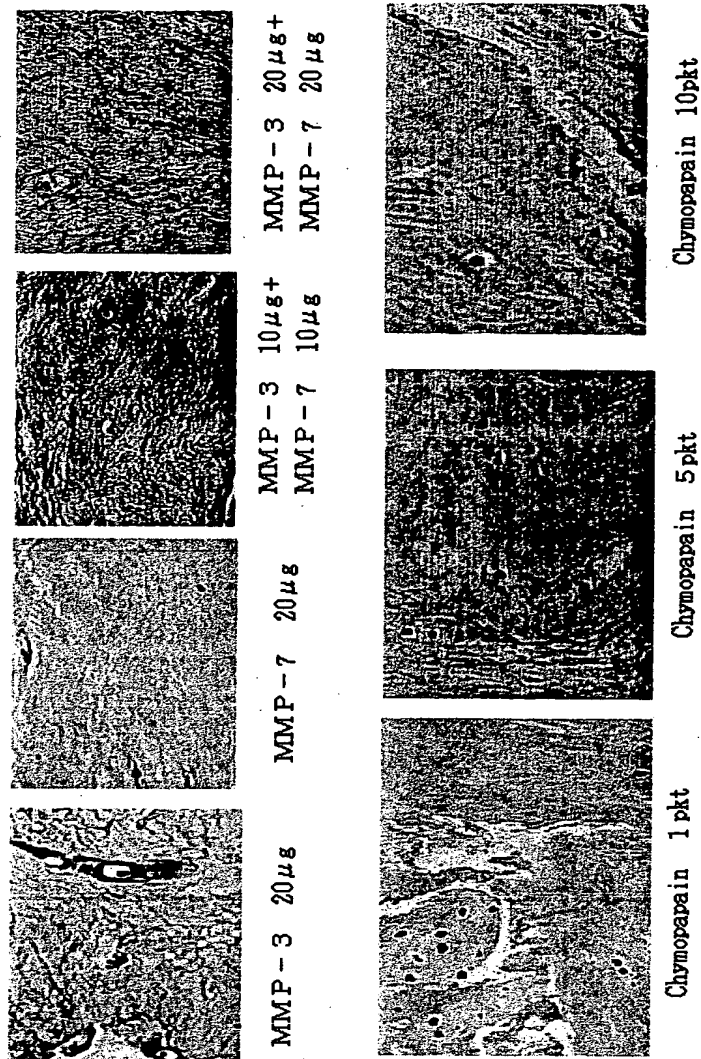
Fig 1



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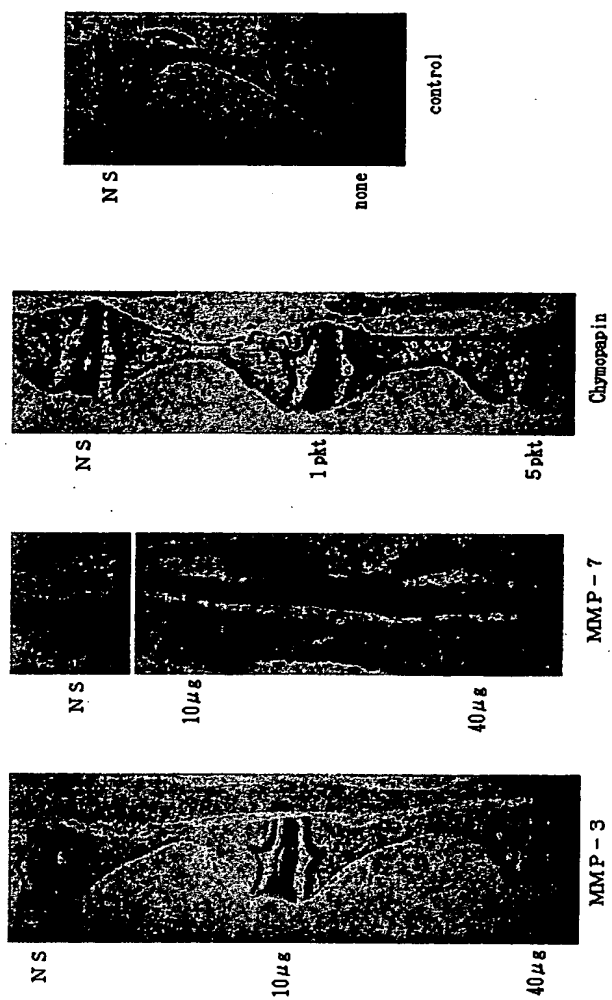
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Fig. 2



3/14

Fig. 3



Canine hernia specimen (HE)



Fig. 4

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MMP-7 administration

10/18
No. 2 Beagle
7 y.o. 12.75kg
MMP-7
12/18 MMP-7 200
19/1 100
11/2 100
12/3 NS 100

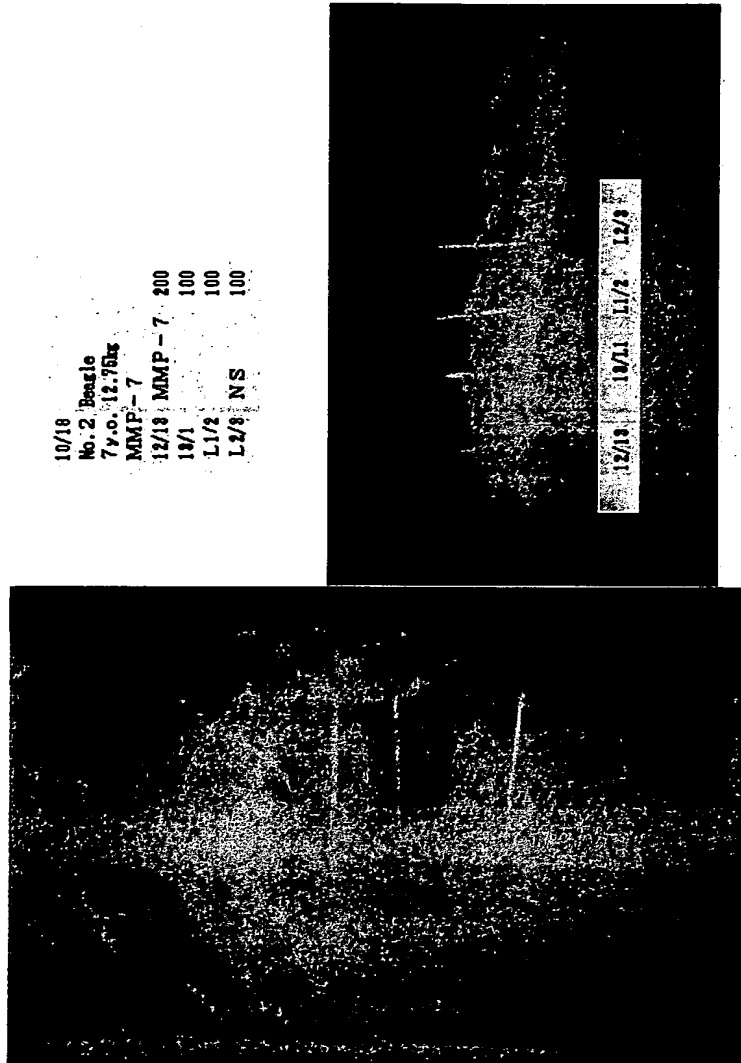


Fig. 5

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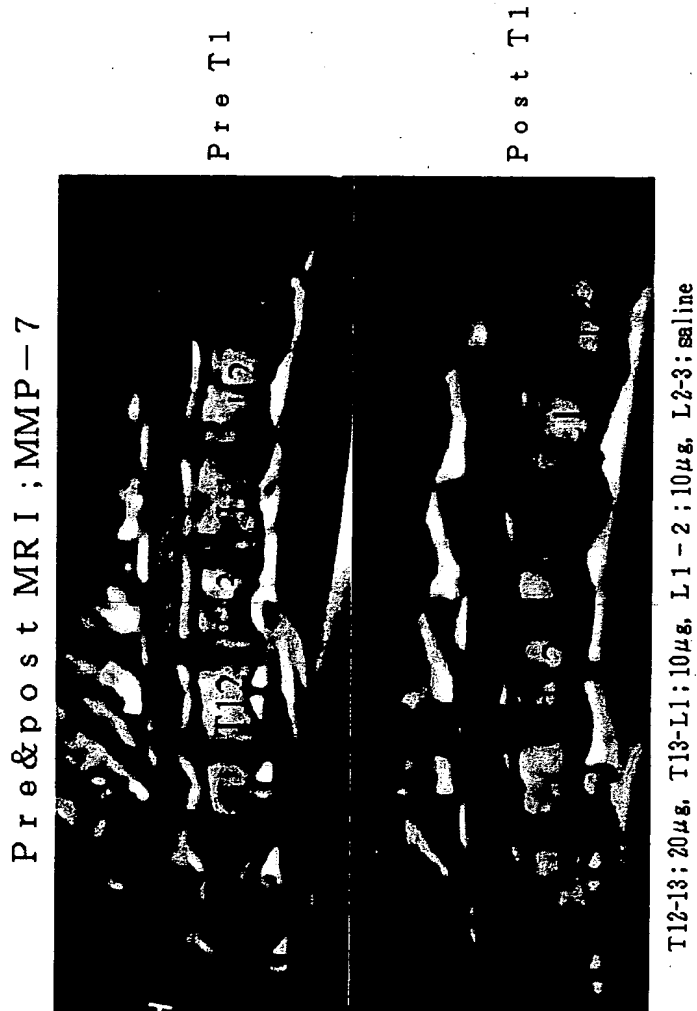
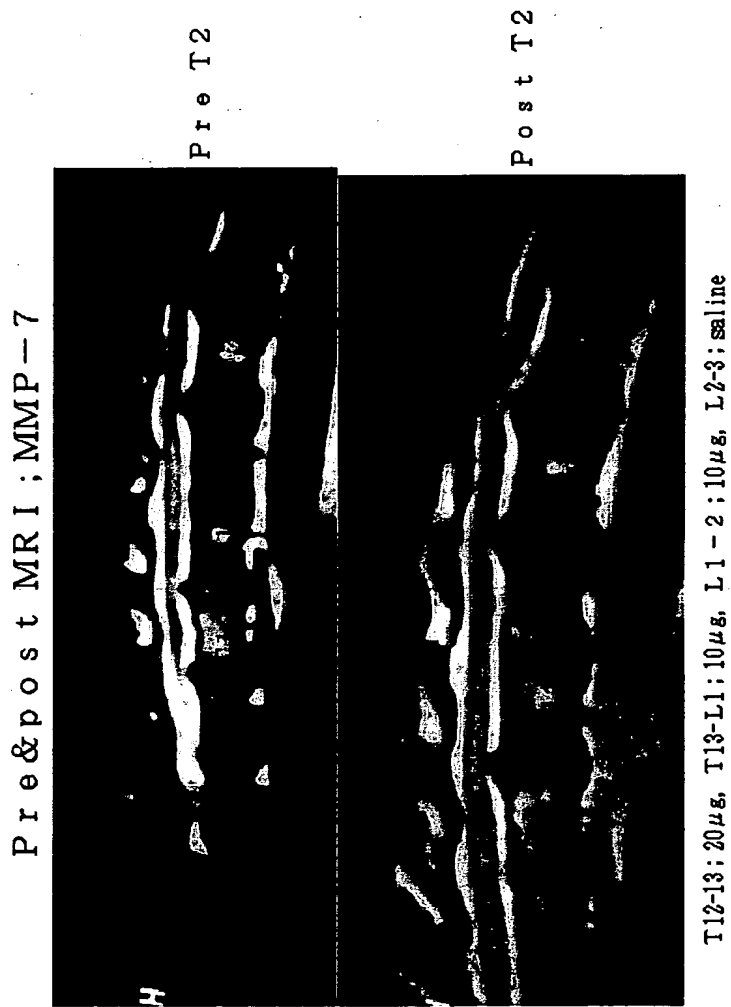


Fig. 6

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Fig. 7



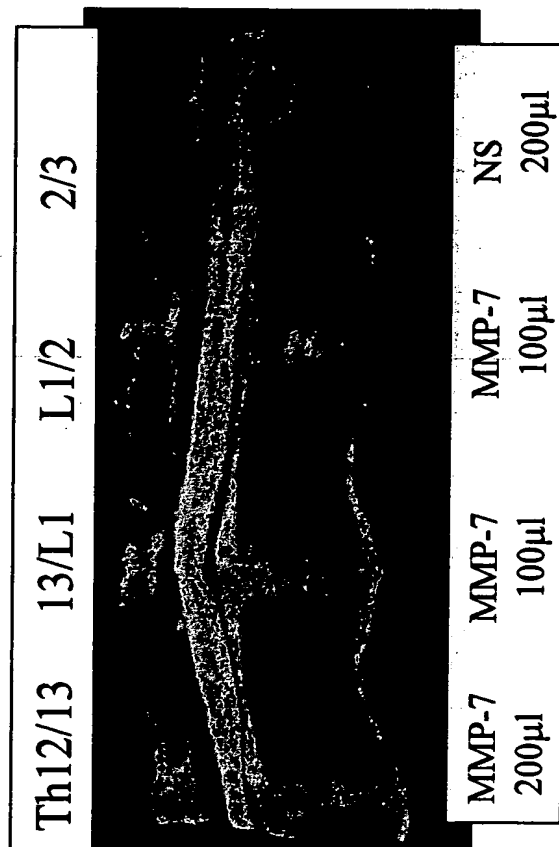
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Fig. 8

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Fig. 9



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After NS injection

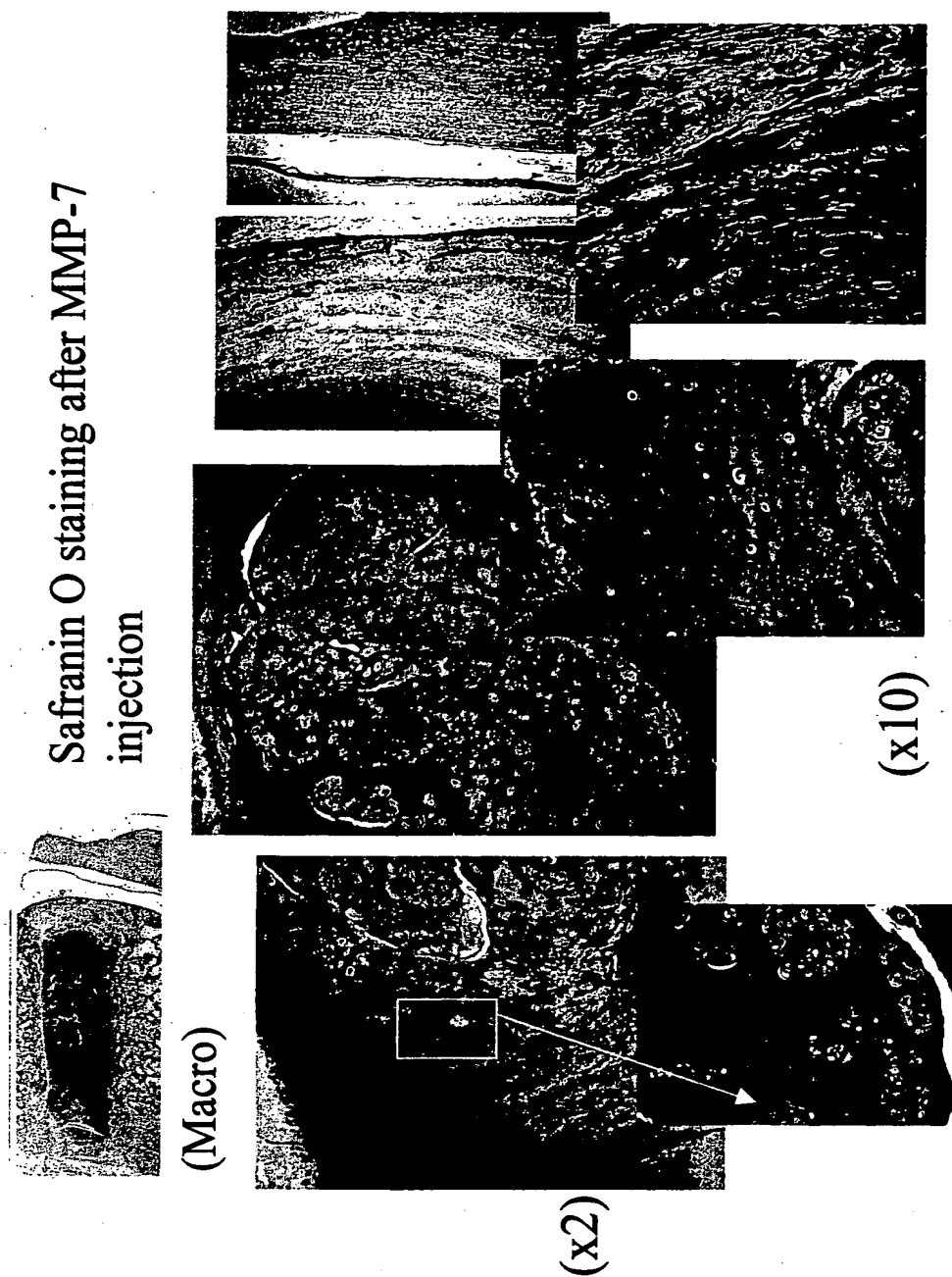


After MMP-7 injection

Macro, Safranin O staining

Fig. 10

Fig. 11



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Fig. 12

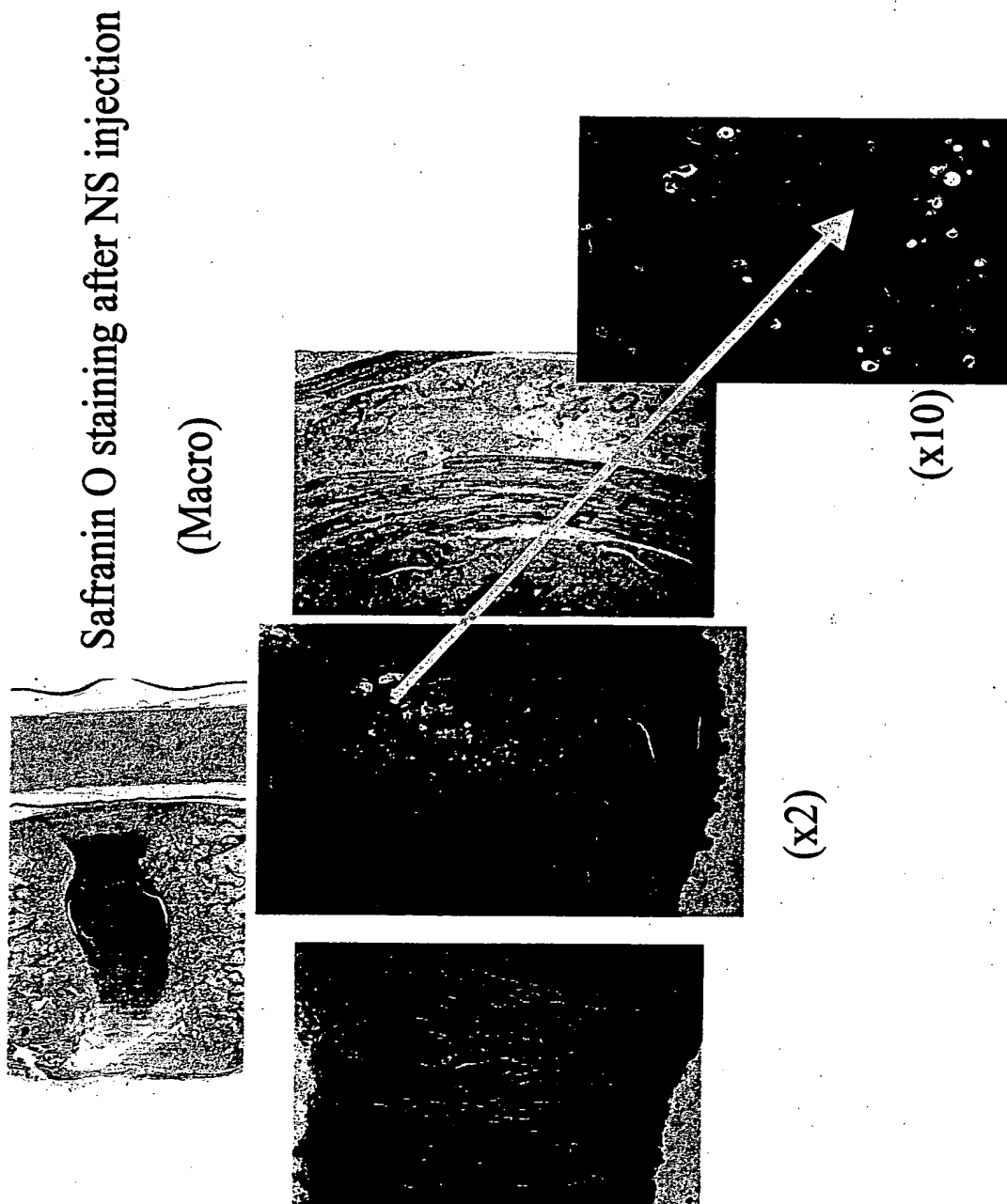
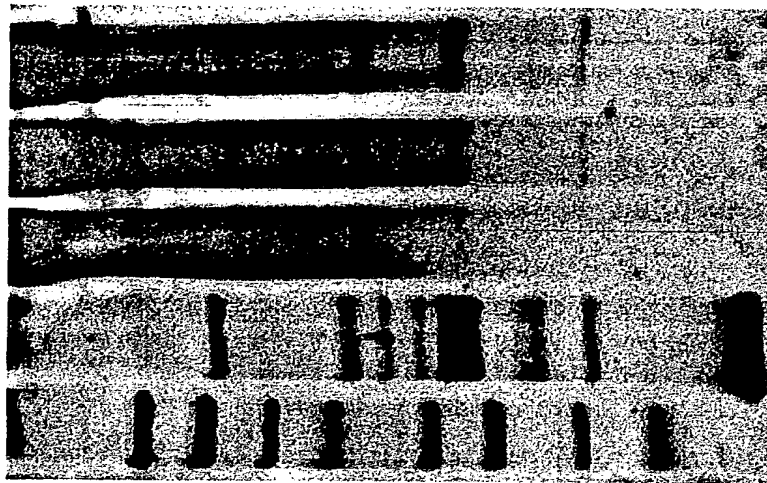


Fig. 13

M PC C2/3 3/4 5/6

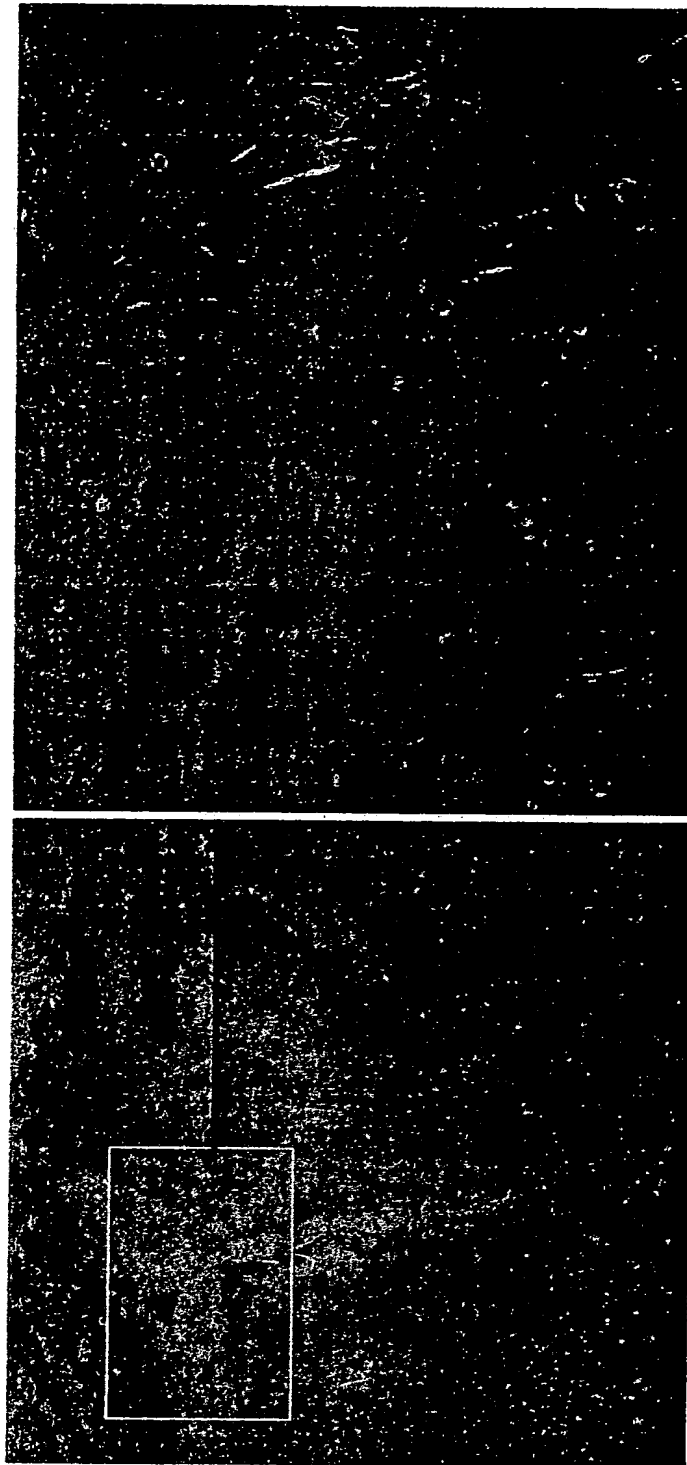


C2/3: MMP-7, C3/4: NS

C5/6: Untreated

PC: positive control (normal knee cartilage)

Fig. 14



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